Listing of Claims:

1. (Previously Presented) Method of coating of a device with a substance comprising the steps of:

(a) providing a container having a space for receiving the device to be coated;

(b) providing a solution of the coating substance within the space;

(c) inserting the device into the solution of the coating substance within the container, where the order of steps (b) and (c) can be reversed; and

(d) starting isothermal drying of the device while the device remains within the solution held within the container, thereby removing volatile components from the solution of the coating substance.

2-3. (Canceled)

4. (Previously Presented) The method of claim 1, wherein said substance is a pharmaceutically active substance.

5. (Canceled)

6. (Currently Amended) The method of claim 4 [[1]], wherein said pharmaceutically active substance is immobilized in an inorganic or organic bioresorbable material.

7. (Canceled)

8. (Previously Presented) The method of claim 1, wherein said substance comprises non-active ingredients.

9. (Previously Presented) The method of claim 1, wherein said substance comprises calcium phosphates.

10. (Canceled)

11. (Previously Presented) The method of claim 1, wherein the container becomes a packaging container for the device.

12. (Previously Presented) The method of claim 1, wherein said solution is an aqueous solution or an organic solvent.

13. (Previously Presented) The method of claim 1, wherein said solution is an acid aqueous solution.

14. (Previously Presented) The method of claim 1, wherein said solution contains an antioxidant.

15. (Original) The method of claim 14, wherein said antioxidant is methionin or its derivatives.

16. (Previously Presented) The method of claim 1, wherein said device is made of metal or metal alloy.

17. (Previously Presented) The method of claim 1, wherein said device is a dental implant or a coronary stent.

18-47. (Cancelled)

48. (Previously Presented) The method of claim 1, wherein the method provides a homogeneous distribution of the coating on the device.

49-50. (Canceled)

51. (Previously Presented) The method of claim 1, wherein said device is made of titanium or a titanium alloy.

52. (Previously Presented) The method of claim 1, wherein said device is made of calcium phosphate.

53. (Previously Presented) The method of claim 1, wherein said device is made of β-tricalcium phosphate.